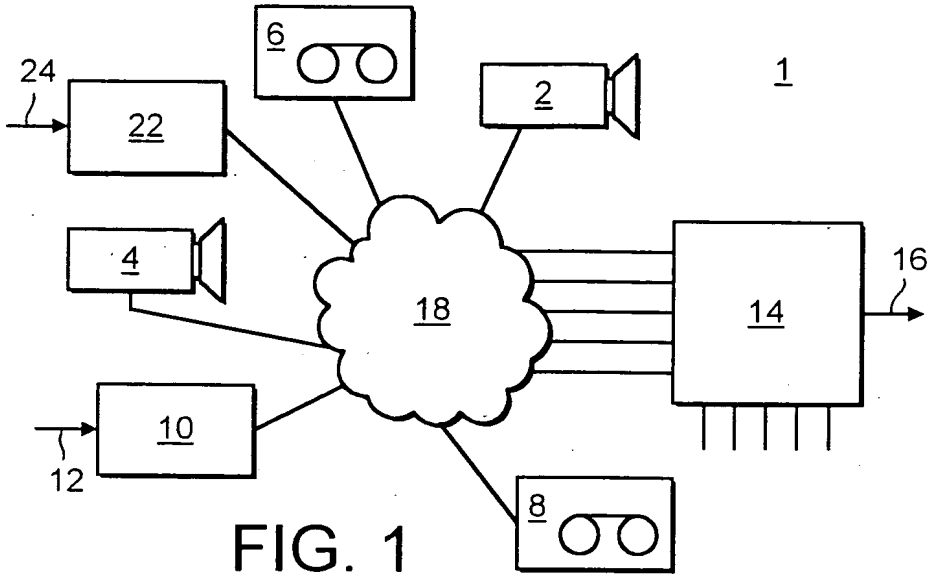
6
24
22
2
1
4
18
14
16
10
12
8

FIG. 1

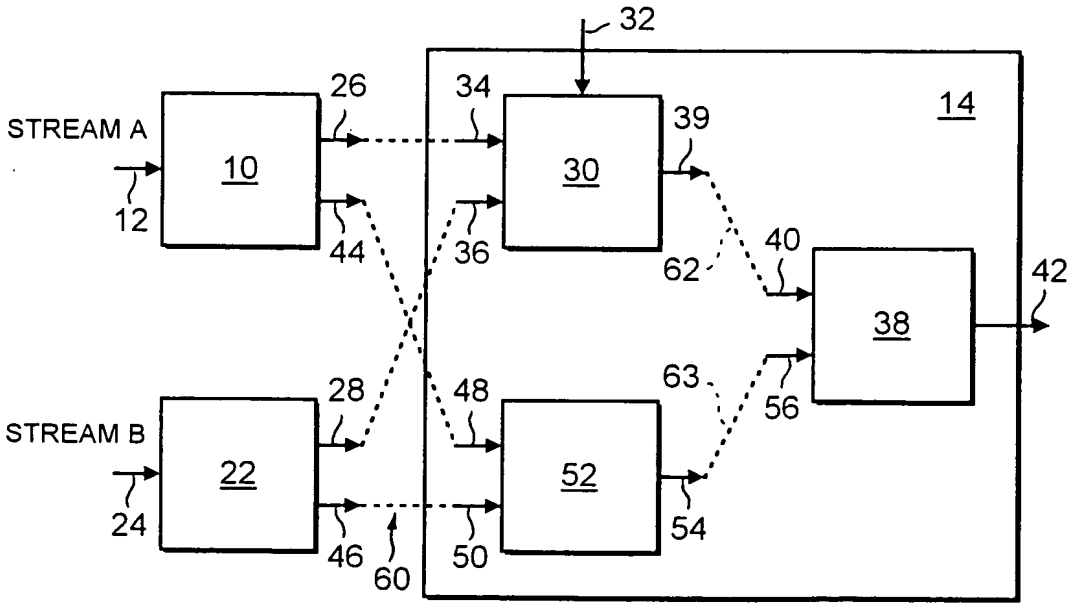
32
26
34
14
STREAM A
10
30
39
12
44
36
62
40
42
38
28
48
63
STREAM B
22
52
56
24
46
60
50
54

FIG. 2

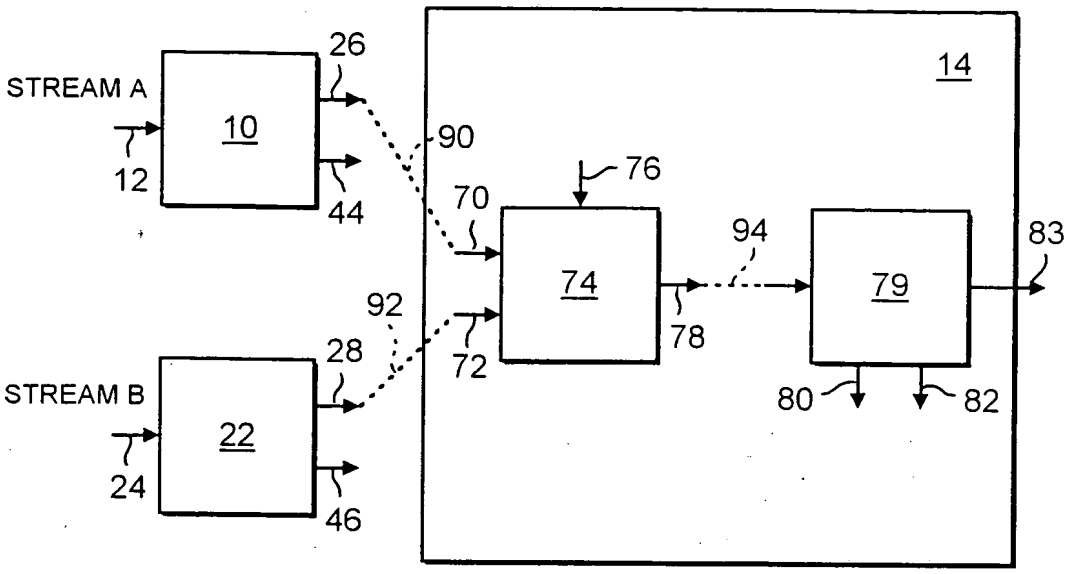
STREAM A
10
12
26
44
90
14
76
70
74
78
94
79
83
92
72
28
STREAM B
22
24
46
80
82

FIG. 3

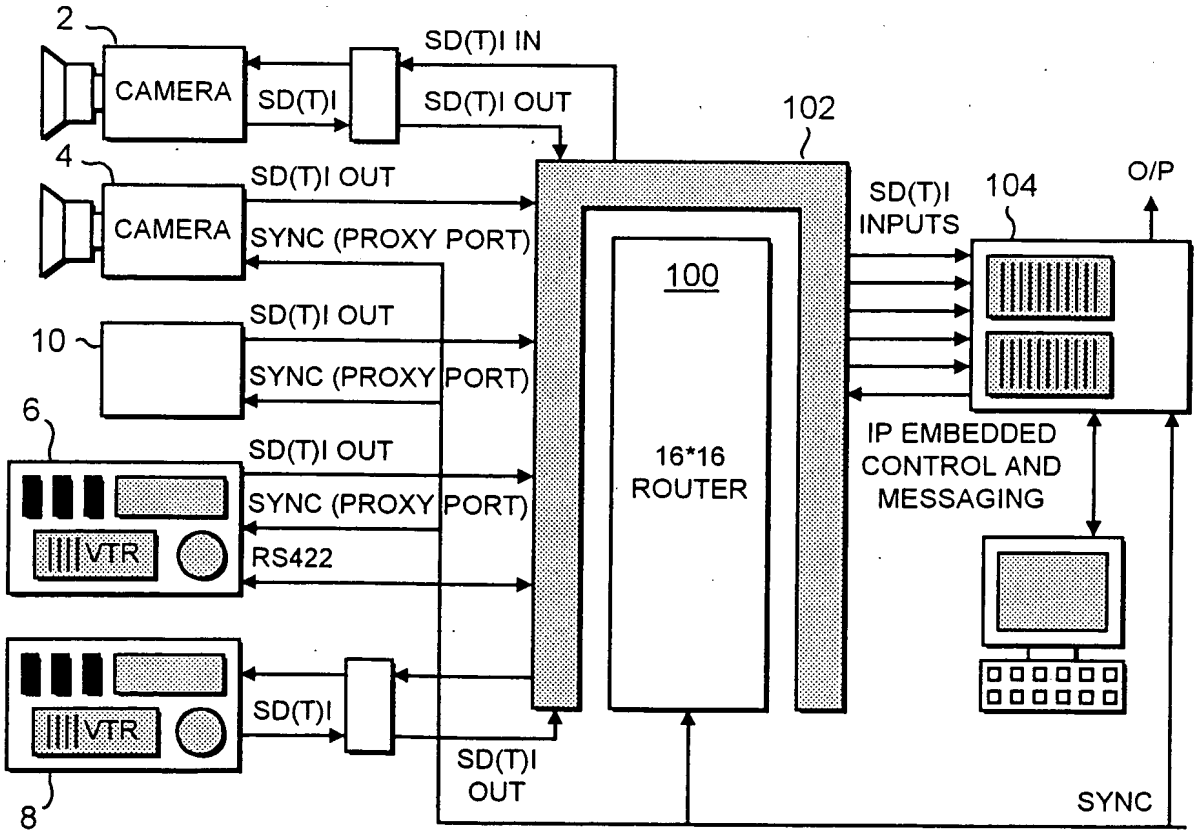
2
CAMERA
SD(T)I
SD(T)I IN
SD(T)I OUT
102
4
CAMERA
SD(T)I OUT
SYNC (PROXY PORT)
SD(T)I INPUTS
104
O/P
100
10
SD(T)I OUT
SYNC (PROXY PORT)
6
SD(T)I OUT
SYNC (PROXY PORT)
VTR
RS422
16*16
ROUTER
IP EMBEDDED
CONTROL AND
MESSAGING
VTR
SD(T)I
SD(T)I
OUT
8
SYNC

FIG. 4

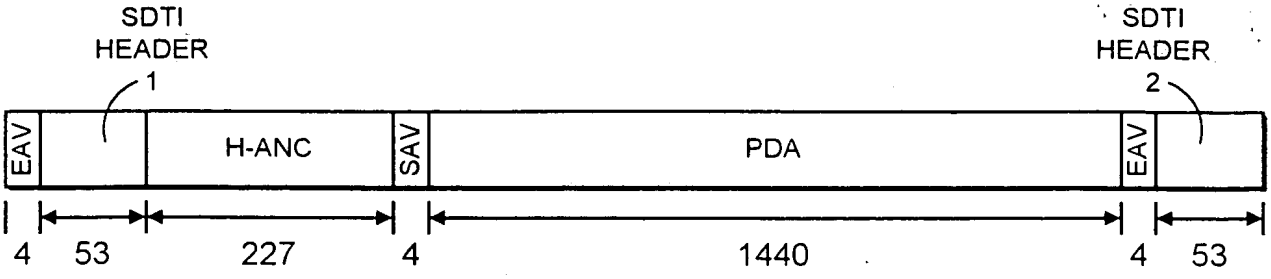
SDTI HEADER
1
SDTI HEADER
2
EAV
H-ANC
SAV
PDA
EAV
4
53
227
4
1440
4
53

FIG. 5

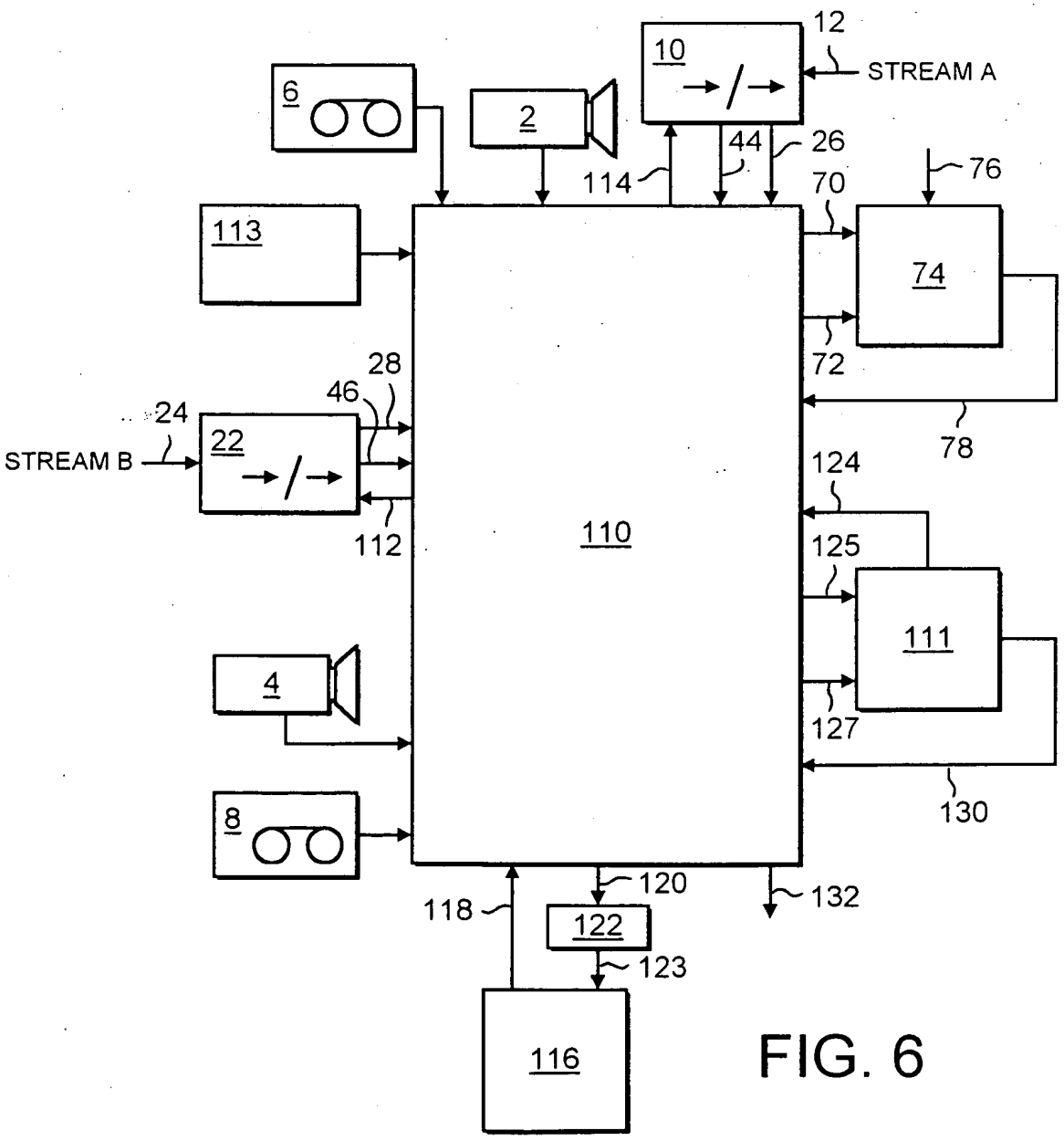
12
10
STREAM A
6
2
44
26
114
70
76
113
74
72
28
46
24
STREAM B
22
78
124
112
110
125
111
4
127
8
130
120
132
118
122
123
116

FIG. 6

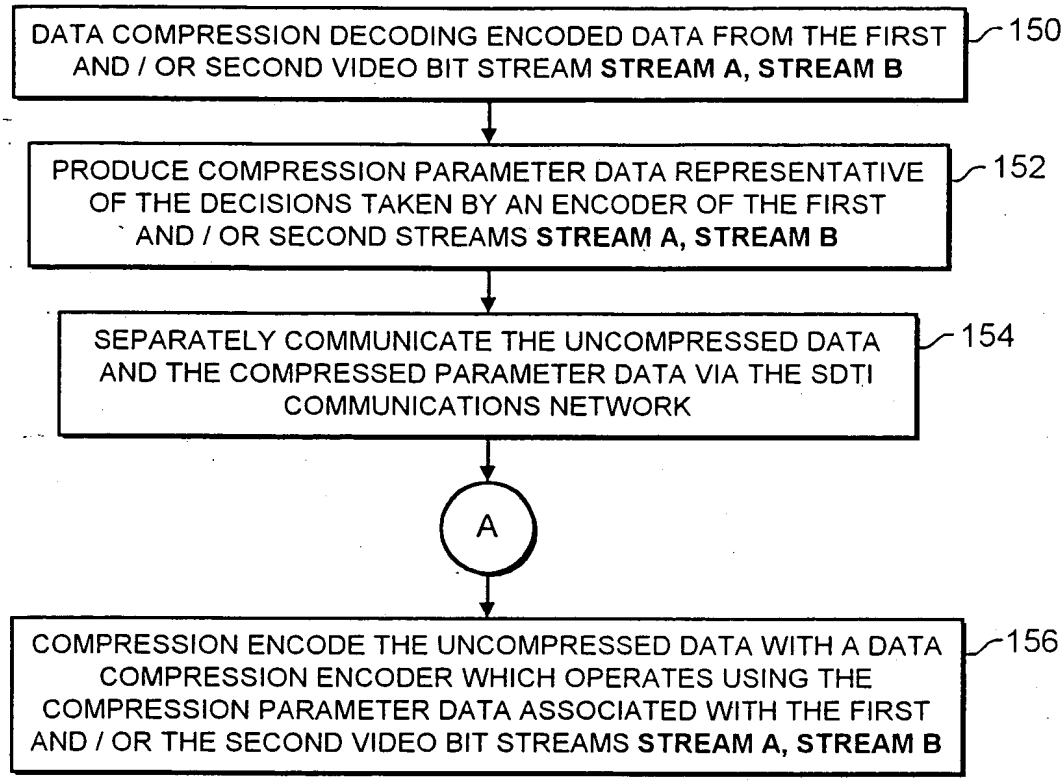
DATA COMPRESSION DECODING ENCODED DATA FROM THE FIRST AND / OR SECOND VIDEO BIT STREAM **STREAM A, STREAM B**
150
PRODUCE COMPRESSION PARAMETER DATA REPRESENTATIVE OF THE DECISIONS TAKEN BY AN ENCODER OF THE FIRST AND / OR SECOND STREAMS **STREAM A, STREAM B**
152
SEPARATELY COMMUNICATE THE UNCOMPRESSED DATA AND THE COMPRESSED PARAMETER DATA VIA THE SDTI COMMUNICATIONS NETWORK
154
A
COMPRESSION ENCODE THE UNCOMPRESSED DATA WITH A DATA COMPRESSION ENCODER WHICH OPERATES USING THE COMPRESSION PARAMETER DATA ASSOCIATED WITH THE FIRST AND / OR THE SECOND VIDEO BIT STREAMS **STREAM A, STREAM B**
156

FIG. 7

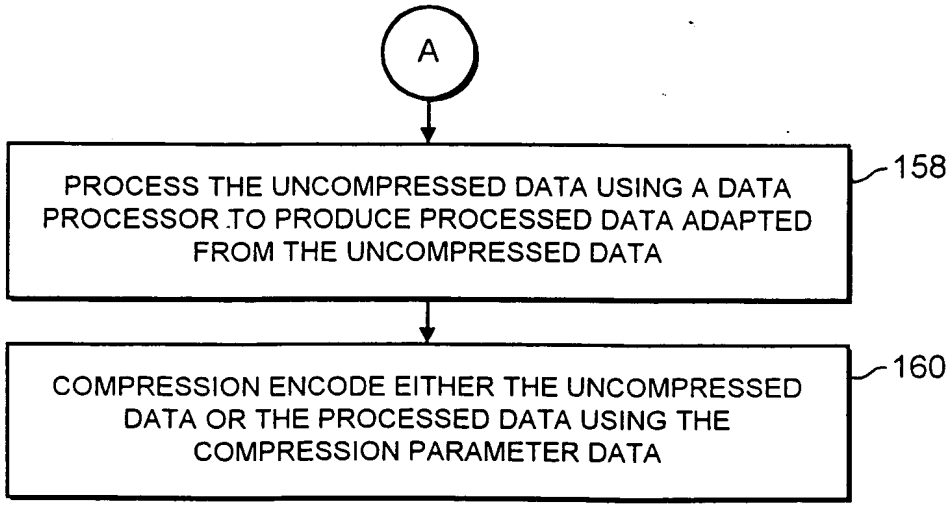
A
PROCESS THE UNCOMPRESSED DATA USING A DATA PROCESSOR TO PRODUCE PROCESSED DATA ADAPTED FROM THE UNCOMPRESSED DATA
158
COMPRESSION ENCODE EITHER THE UNCOMPRESSED DATA OR THE PROCESSED DATA USING THE COMPRESSION PARAMETER DATA
160

FIG. 8

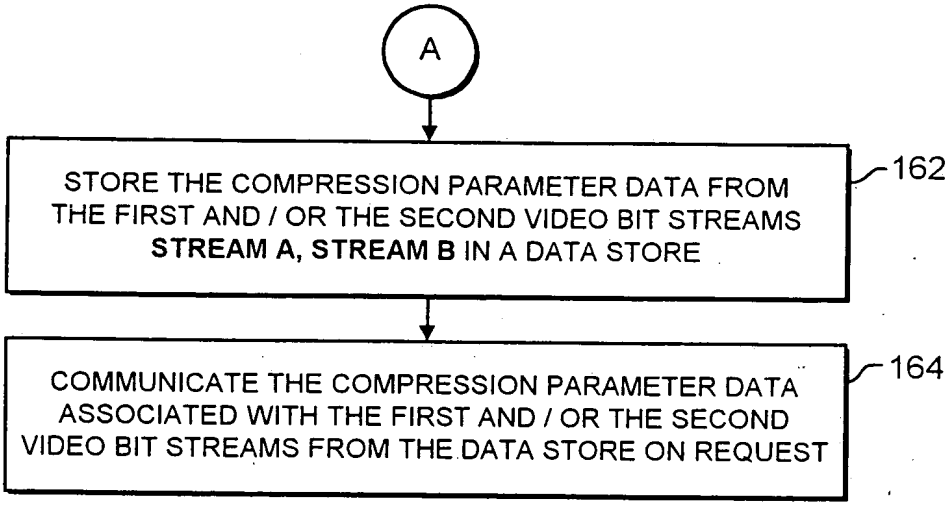
A
STORE THE COMPRESSION PARAMETER DATA FROM THE FIRST AND / OR THE SECOND VIDEO BIT STREAMS **STREAM A, STREAM B** IN A DATA STORE
162
COMMUNICATE THE COMPRESSION PARAMETER DATA ASSOCIATED WITH THE FIRST AND / OR THE SECOND VIDEO BIT STREAMS FROM THE DATA STORE ON REQUEST
164

FIG. 9

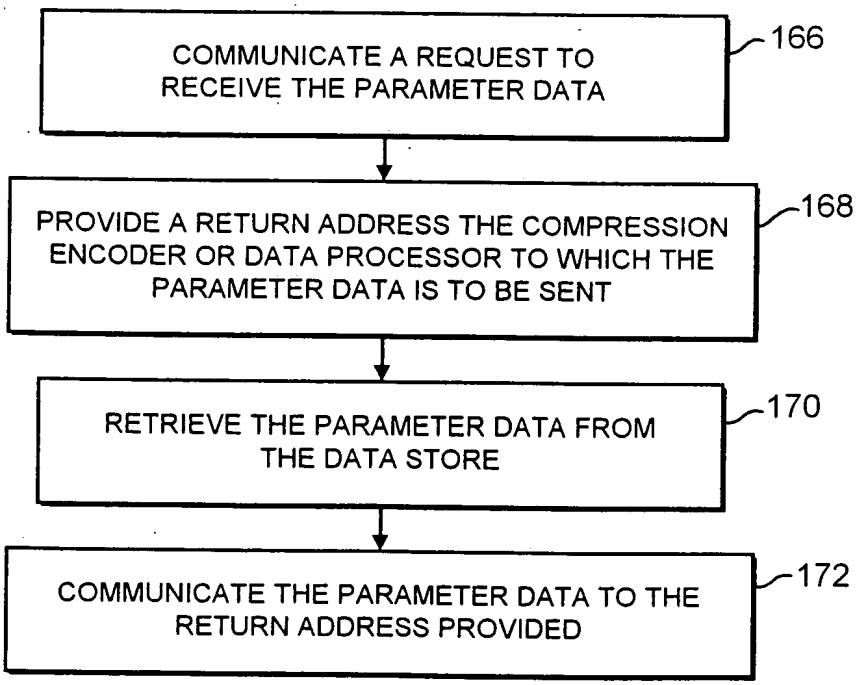
COMMUNICATE A REQUEST TO RECEIVE THE PARAMETER DATA
166
PROVIDE A RETURN ADDRESS THE COMPRESSION ENCODER OR DATA PROCESSOR TO WHICH THE PARAMETER DATA IS TO BE SENT
168
RETRIEVE THE PARAMETER DATA FROM THE DATA STORE
170
COMMUNICATE THE PARAMETER DATA TO THE RETURN ADDRESS PROVIDED
172

FIG. 10

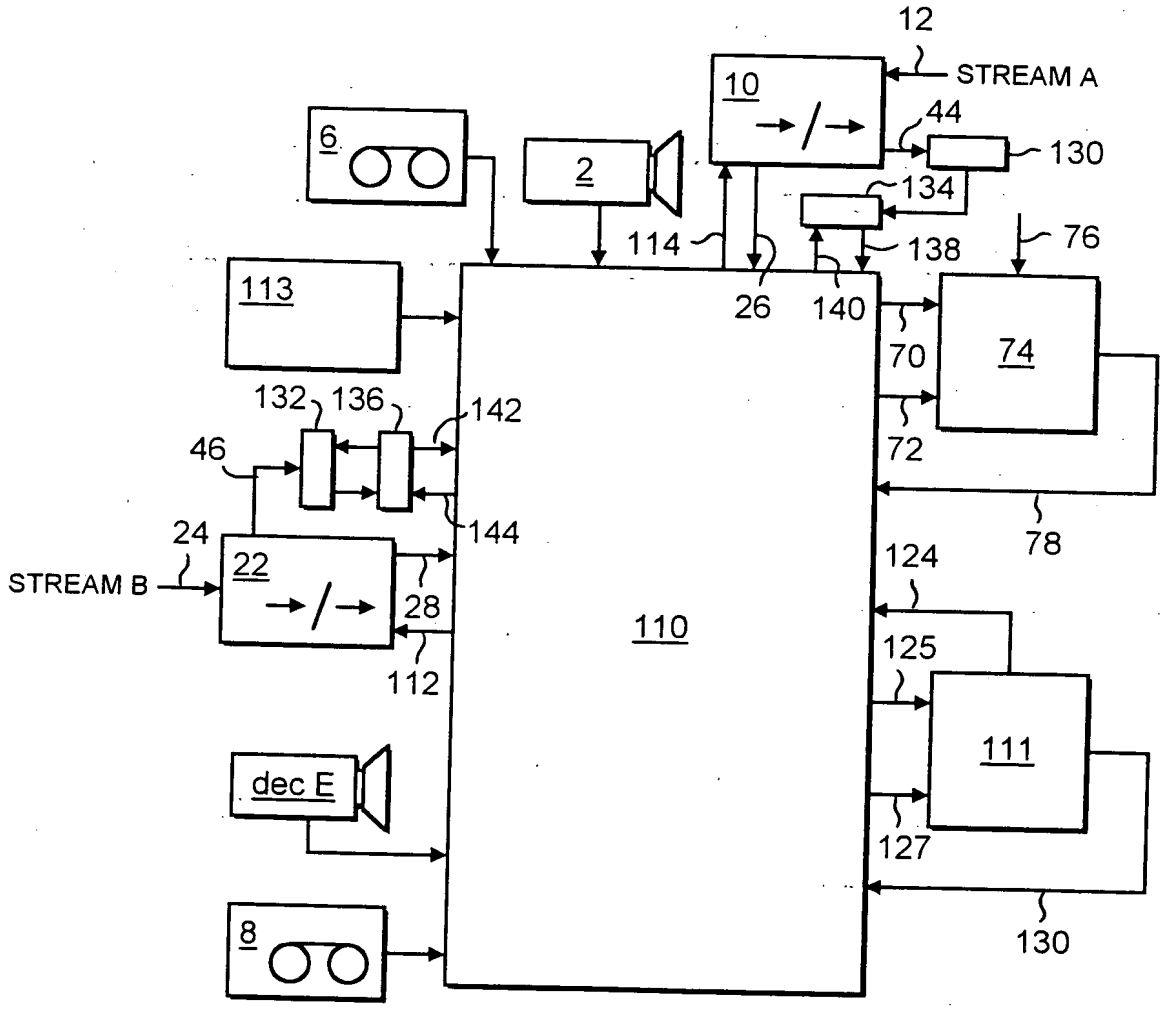
12
STREAM A
10
44
130
6
2
134
114
138
76
113
26
140
70
74
132
136
142
46
72
144
78
24
124
STREAM B
22
28
110
125
112
111
dec E
127
8
130

FIG. 11